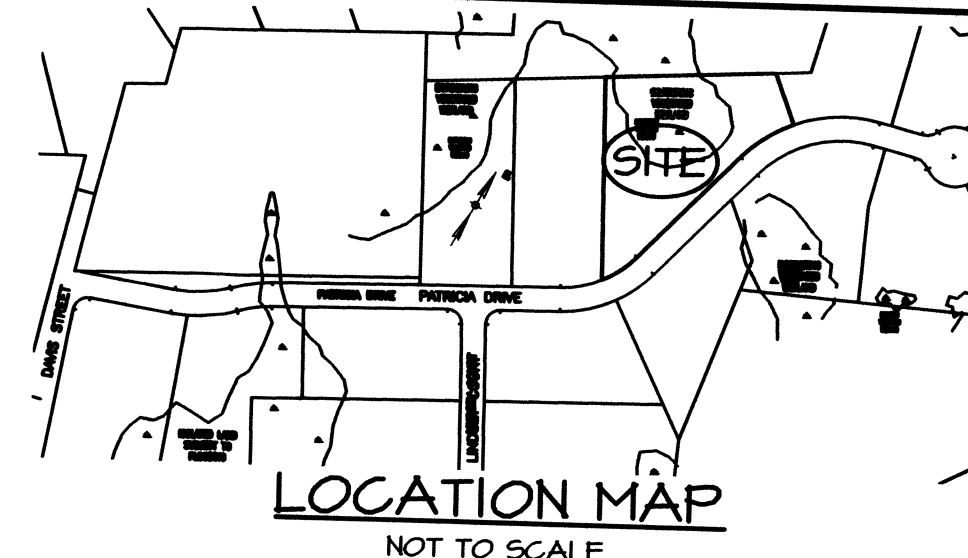


DESCRIPTION	ELEVATION
INVERT AT FOUNDATION	161.85
INVERT IN - SEPTIC TANK	161.80
INVERT IN - DIST. BOX	161.60
INVERT OUT - DIST. BOX	161.50
INVERT OUT - PIST. BOX	161.33
INVERT BEGINNING CHAMBERS	161.21
ELEV. TOP OF CHAMBERS (BREAKOUT)	161.61
ELEV. BOTTOM OF CHAMBERS	161.00
EST. SEASONAL HIGH GW	155.80



LOT 18 - DEEP OBSERVATION HOLE Y2K-5						
ORIGINAL ELEVATION - 159.0						
DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	STRUCTURE	CONSISTENCE
+3' - 0	O	-	-	-	-	-
0 - 3'	A	SANDY LOAM	10 YR 4/6	-	-	-
3' - 24"	B	SANDY LOAM	10 YR 5/8	-	-	-
24" - 112"	C	SAND	2.5 Y 6/4	-	-	20% GRAVEL, SOME COBBLES & STONES

OBSERVED GROUNDWATER - NONE
 GROUNDWATER READING 3/23/2001 - 90" (ELEV. 151.50) WEPPING FROM PIT FACE - 112"
 ESTIMATED S. H. G. W. = 151.50 + 0.48 = ELEV. 151.98 FRIMPTER ADJUSTMENT - 0.48"
 PERC. RATE = < 2MP1 @ 42" (UNABLE TO SATURATED) DATE OF TESTING - 9/25/00

LOT 18 - DEEP OBSERVATION HOLE Y2K-6						
ORIGINAL ELEVATION - 158.0						
DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	STRUCTURE	CONSISTENCE
+3' - 0	O	-	10 YR 2/2	-	-	-
0 - 2'	A	SANDY LOAM	10 YR 5/6	-	-	-
2' - 20"	B	SANDY LOAM	10 YR 5/8	-	-	-
20" - 52"	Cd1	SANDY LOAM	2.5 Y 5/3	-	-	BASIL (SIC)
52" - 120"	C2	LOAMY SAND	2.5 Y 6/4	-	-	20% GRAVEL, SOME COBBLES, STONES AND BOULDERS

OBSERVED GROUNDWATER - NONE
 GROUNDWATER READING 3/23/2001 - 62" (ELEV. 152.83) WEPPING FROM PIT FACE - NONE
 ESTIMATED S. H. G. W. = 152.83 + 0.48 = ELEV. 153.31 FRIMPTER ADJUSTMENT - 0.48"
 PERC. RATE = 3MP1 @ 70" DATE OF TESTING - 9/25/00
 WITNESS: MR. CHENEVERT, SEEKONK BOARD OF HEALTH TESTING PERFORMED BY: DEAN MONSEES

LOT 18 - DEEP OBSERVATION HOLE 1						
ORIGINAL ELEVATION - 156.1						
DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	STRUCTURE	CONSISTENCE
0 - 6"	A	SANDY LOAM	10 YR 3/3	-	MASSIVE	FRAGILE
6" - 17"	Bw	SANDY LOAM	10 YR 4/6	-	MASSIVE	FRAGILE
17" - 60"	Cd1	SANDY LOAM	2.5 Y 4/3	-	MASSIVE	FRAGILE
60" - 112"	Cd2	SANDY LOAM	2.5 Y 4/3	-	MASSIVE	FRAGILE
112" - 132"	Cd3	SANDY LOAM	10 YR 5/4	-	MASSIVE	FRAGILE

OBSERVED STANDING GROUNDWATER - NONE
 ESTIMATED SEASONAL HIGH GW - 23" (ELEV. 154.2) OBSERVED WEPPING GROUNDWATER - 112"
 REMOVE TO 3" INTO Cd2 HORIZON PERC. @ 54" + 18" = 2 MP1
 DESIGN FOR CLASS II SOIL

LOT 18 - DEEP OBSERVATION HOLE 2						
ORIGINAL ELEVATION - 157.2						
DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	STRUCTURE	CONSISTENCE
0 - 7"	A	SANDY LOAM	10 YR 3/3	-	MASSIVE	FRAGILE
7" - 18"	Bw	SANDY LOAM	10 YR 4/6	-	MASSIVE	FRAGILE
18" - 66"	Cd1	SANDY LOAM	2.5 Y 4/3	-	MASSIVE	FRAGILE
66" - 120"	Cd2	SANDY LOAM	2.5 Y 4/3	-	MASSIVE	FRAGILE
120" - 138"	Cd3	SANDY LOAM	2.5 Y 5/1	-	MASSIVE	FRAGILE

OBSERVED STANDING GROUNDWATER - 134"
 ESTIMATED SEASONAL HIGH GW - 30" (ELEV. 154.7) OBSERVED WEPPING GROUNDWATER - 120"
 REMOVE TO 3" INTO Cd2 HORIZON DESIGN FOR CLASS II SOIL

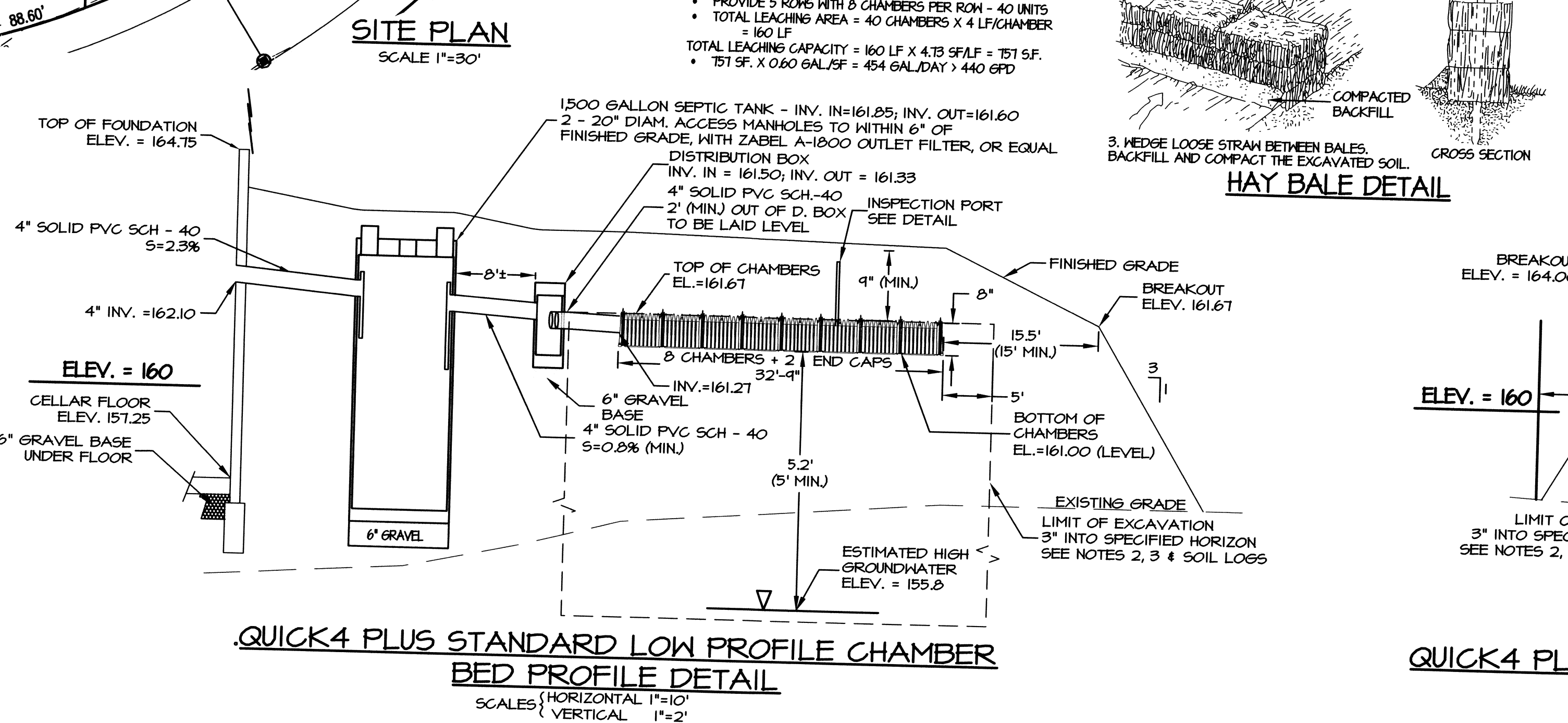
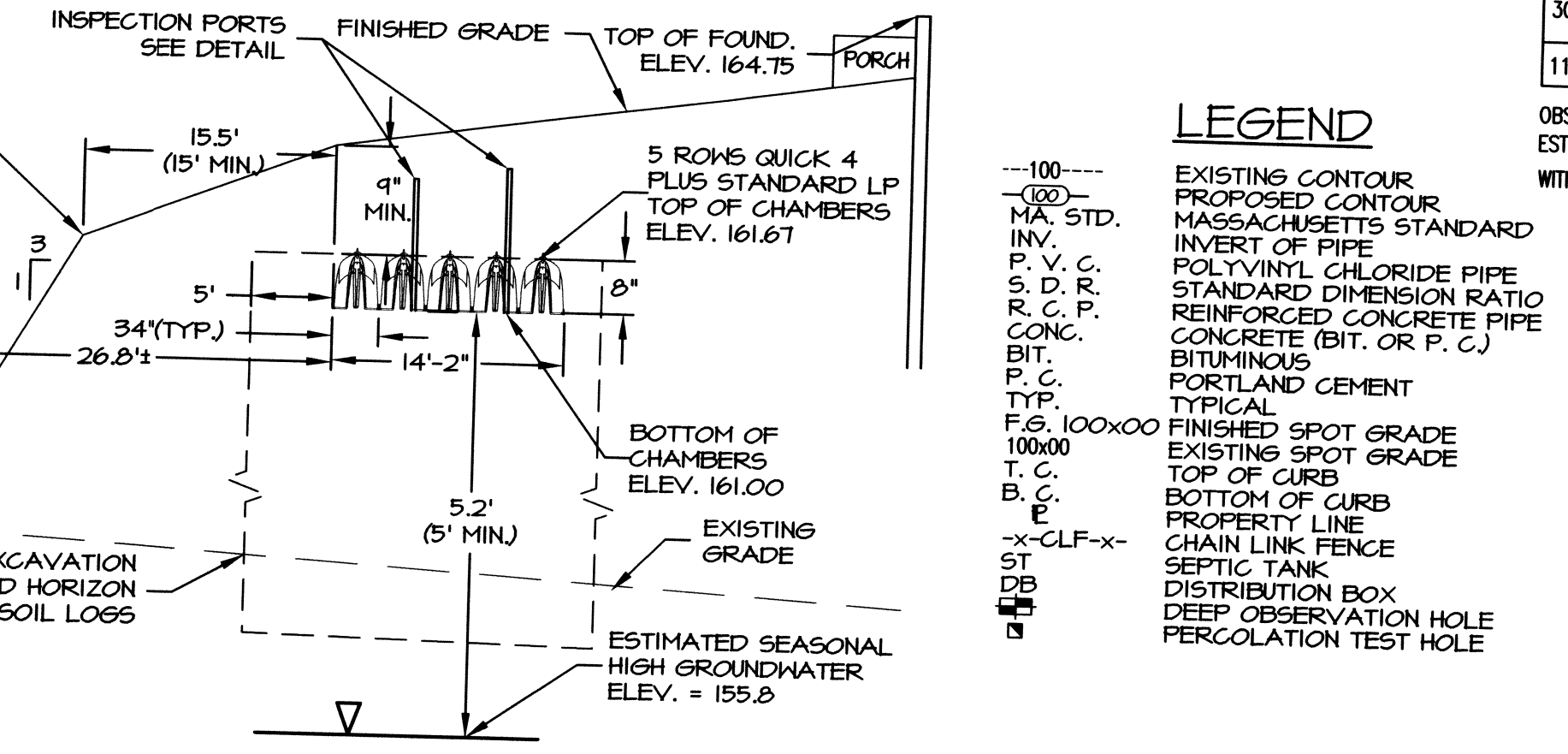
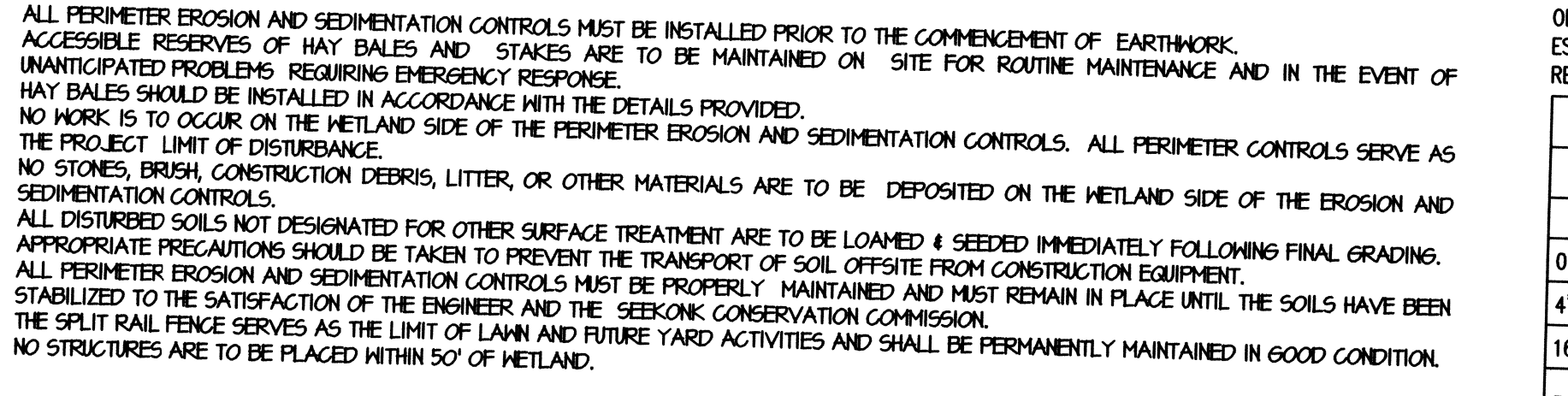
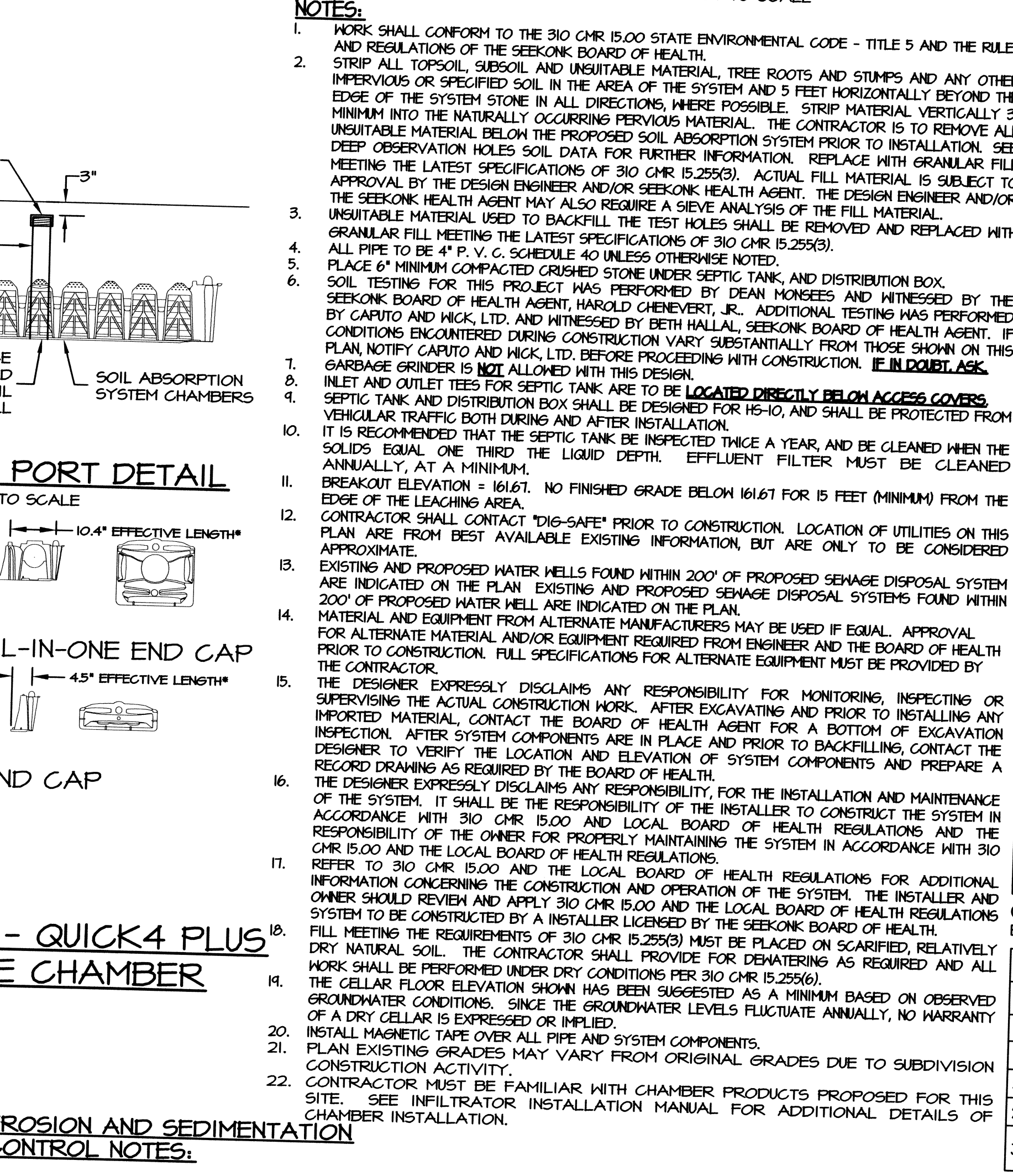
LOT 18 - DEEP OBSERVATION HOLE 3						
ORIGINAL ELEVATION - 157.4						
DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	STRUCTURE	CONSISTENCE
0 - 5"	A	SANDY LOAM	10 YR 3/3	-	MASSIVE	FRAGILE
5" - 23"	Bw	SANDY LOAM	10 YR 4/4	-	MASSIVE	FRAGILE
23" - 35"	Cd1	SANDY LOAM	2.5 Y 4/4	-	MASSIVE	FRAGILE
35" - 132"	Cd2	SANDY LOAM	2.5 Y 4/3	-	MASSIVE	FRAGILE

OBSERVED STANDING GROUNDWATER - NONE
 ESTIMATED SEASONAL HIGH GW - 28" (ELEV. 155.1) OBSERVED WEPPING GROUNDWATER - NONE
 REMOVE TO 3" INTO Cd1 HORIZON PERC. @ 53" + 18" = 4 MP1
 DESIGN FOR CLASS II SOIL

LOT 18 - DEEP OBSERVATION HOLE 4						
ORIGINAL ELEVATION - 157.8						
DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	STRUCTURE	CONSISTENCE
0 - 4"	A	SANDY LOAM	10 YR 3/3	-	MASSIVE	FRAGILE
4" - 16"	Bw	SANDY LOAM	10 YR 4/4	-	MASSIVE	FRAGILE
16" - 30"	Cd1	SANDY LOAM	2.5 Y 4/4	-	MASSIVE	FRAGILE
30" - 112"	Cd2	SANDY LOAM	2.5 Y 4/3	-	MASSIVE	FRAGILE
112"	R	-	-	-	-	BOULDERS / LEDGE

OBSERVED STANDING GROUNDWATER - NONE
 ESTIMATED SEASONAL HIGH GW - 24" (ELEV. 155.8) OBSERVED WEPPING GROUNDWATER - NONE
 REMOVE TO 3" INTO Cd1 HORIZON PERC. @ 53" + 18" = 4 MP1
 WITNESS: BETH HALLA, SEEKONK BOARD OF HEALTH TESTING PERFORMED BY: CAPUTO AND WICK LTD. - OCTOBER 17, 2013

LOT INFORMATION
 16 PATRICIA DRIVE
 ASSESSORS PLAT NO. 26, LOT 174
 HOLLAND WOODS SUBDIVISION LOT 18
 ZONE - R-4
 AREA = 100,653 S.F.
 OWNER - H. CHARLES TAPALAN



SEWAGE DISPOSAL SYSTEM
 16 PATRICIA DRIVE
 ASSESSORS PLAT 26 - LOT 174
 SEEKONK, MASSACHUSETTS

CAPUTO AND WICK LTD.
 Land Surveying, Civil Engineering,
 Environmental Services, Traffic Engineering
 and Architectural Engineering
 1180 PARK STREET AVE
 BURLINGTON, N.J. 07916-1897
 Tel: 401-434-8888
 Fax: 401-434-8811

DATE: JULY 2014
 SHEET: 1

NOTES:

- WORK SHALL CONFORM TO THE 310 CMR 15.00 STATE ENVIRONMENTAL CODE - TITLE 5 AND THE RULES AND REGULATIONS OF THE SEEKONK BOARD OF HEALTH.
- STRIP ALL TOPSOIL, SUBSOIL AND UNSUITABLE MATERIAL, TREE ROOTS AND STUMPS AND ANY OTHER INTERFERING OR SPECIFIED SOIL IN THE AREA OF THE SYSTEM AND 5 FEET HORIZONTALLY BEYOND THE EDGE OF THE SYSTEM TO ALL DIRECTIONS, WHERE POSSIBLE. STRIP MATERIAL VERTICALLY 3" MINIMUM INTO THE NATURALLY OCCURRING PERVIOUS MATERIAL. THE CONTRACTOR IS TO REMOVE ALL UNSUITABLE MATERIAL BELOW THE PROPOSED SOIL ABSORPTION SYSTEM PRIOR TO INSTALLATION. ALL DEEP OBSERVATION HOLES SOIL DATA FOR FURTHER INFORMATION. REPLACE WITH GRANULAR FILL MEETING THE LATEST SPECIFICATIONS OF 310 CMR 15.255(3). ACTUAL FILL MATERIAL IS SUBJECT TO THE SEEKONK HEALTH AGENT MAY ALSO REQUIRE A SIEVE ANALYSIS OF THE FILL MATERIAL. GRANULAR FILL MEETING THE LATEST SPECIFICATIONS OF 310 CMR 15.255(3). ALL PIPE TO BE 4" P. V. C. SCHEDULE 40 UNLESS OTHERWISE NOTED.
- PLACE 6" MINIMUM COMPACTED CRUSHED STONE UNDER SEPTIC TANK AND DISTRIBUTION BOX.
- SOIL TESTING FOR THIS PROJECT WAS PERFORMED BY DEAN MONSEES AND WITNESSED BY THE SEEKONK BOARD OF HEALTH AGENT, HAROLD CHENEVERT, JR. ADDITIONAL TESTING WAS PERFORMED BY CAPUTO AND WICK LTD. AND WITNESSED BY BETH HALLA, SEEKONK BOARD OF HEALTH AGENT. IF CONDITIONS ENCOUNTERED DURING CONSTRUCTION VARY SUBSTANTIALLY FROM THOSE SHOWN ON THIS GARAGE GRINDER IS NOT ALLOWED WITH THIS DESIGN.
- INLET AND OUTLET TEES FOR SEPTIC TANK ARE TO BE LOCATED DIRECTLY BELOW ACCESS COVERS. SEPTIC TANK AND DISTRIBUTION BOX SHALL BE DESIGNED FOR H-10, AND SHALL BE PROTECTED FROM VEHICULAR TRAFFIC DURING AND AFTER INSTALLATION.
- IT IS RECOMMENDED THAT THE SEPTIC TANK BE INSPECTED THICE A YEAR, AND BE CLEANED WHEN THE SOLIDS EQUAL ONE THIRD THE LIQUID DEPTH. EFFLUENT FILTER MUST BE CLEANED ANNUALLY, AT A MINIMUM.
- BREAKOUT ELEVATION = 161.61. NO FINISHED GRADE BELOW 161.61 FOR 15 FEET (MINIMUM) FROM THE EDGE OF THE LEACHING AREA.
- CONTRACTOR SHALL CONTACT "DIG-SAFE" PRIOR TO CONSTRUCTION. LOCATION OF UTILITIES ON THIS PLAN ARE FROM BEST AVAILABLE EXISTING INFORMATION, BUT ARE ONLY TO BE CONSIDERED APPROXIMATE.
- EXISTING AND PROPOSED WATER WELLS FOUND WITHIN 200' OF PROPOSED SEWAGE DISPOSAL SYSTEM ARE INDICATED ON THE PLAN. EXISTING AND PROPOSED SEWAGE DISPOSAL SYSTEMS FOUND WITHIN 200' OF PROPOSED WATER WELL ARE INDICATED ON THE PLAN.
- MATERIAL AND EQUIPMENT FROM ALTERNATE MANUFACTURERS MAY BE USED IF EQUAL. APPROVAL FOR ALTERNATE MATERIAL AND/OR EQUIPMENT REQUIRED FROM ENGINEER AND THE BOARD OF HEALTH PRIOR TO CONSTRUCTION. FULL SPECIFICATIONS FOR ALTERNATE EQUIPMENT MUST BE PROVIDED BY THE CONTRACTOR.
- THE DESIGNER EXPRESSLY DISCLAIMS ANY RESPONSIBILITY FOR MONITORING, INSPECTING OR SUPERVISING THE ACTUAL CONSTRUCTION WORK. AFTER EXCAVATING AND PRIOR TO INSTALLING ANY IMPORTED MATERIAL, CONTACT THE BOARD OF HEALTH AGENT FOR A BOTTOM OF EXCAVATION INSPECTION. AFTER CONTACT, THE BOARD OF HEALTH AGENT IS TO BE CONTACTED FOR A BOTTOM OF EXCAVATION INSPECTION. AFTER CONTACT, THE BOARD OF HEALTH AGENT IS TO BE CONTACTED FOR A BOTTOM OF EXCAVATION INSPECTION. AFTER CONTACT, THE BOARD OF HEALTH AGENT IS TO BE CONTACTED FOR A BOTTOM OF EXCAVATION INSPECTION. AFTER CONTACT, THE BOARD OF HEALTH AGENT IS TO BE CONTACTED FOR A BOTTOM OF EXCAVATION INSPECTION.
- THE DESIGNER EXPRESSLY DISCLAIMS ANY RESPONSIBILITY FOR THE INSTALLATION AND MAINTENANCE OF THE SYSTEM. IT SHALL BE THE RESPONSIBILITY OF THE INSTALLER TO CONSTRUCT THE SYSTEM IN ACCORDANCE WITH 310 CMR 15.00 AND LOCAL BOARD OF HEALTH REGULATIONS AND THE RESPONSIBILITY OF THE OWNER FOR PROPERLY MAINTAINING THE SYSTEM IN ACCORDANCE WITH 310 CMR 15.00 AND THE LOCAL BOARD OF HEALTH REGULATIONS.
- REFER TO 310 CMR 15.00 AND THE LOCAL BOARD OF HEALTH REGULATIONS FOR ADDITIONAL INFORMATION CONCERNING THE CONSTRUCTION AND OPERATION OF THE SYSTEM. THE INSTALLER AND SYSTEM SHOULD REVIEW AND APPLY 310 CMR 15.00 AND THE LOCAL BOARD OF HEALTH REGULATIONS.
- UNANTICIPATED PROBLEMS REQUIRING EMERGENCY RESPONSE.
- NO WORK IS TO OCCUR ON THE WETLAND SIDE OF THE PERIMETER EROSION AND SEDIMENTATION CONTROLS. ALL PERIMETER CONTROLS SERVE AS THE PROJECT LIMIT OF DISTURBANCE.
- NO STONES, BRUSH, CONSTRUCTION DEBRIS, LITTER, OR OTHER MATERIALS ARE TO BE DEPOSITED ON THE WETLAND SIDE OF THE EROSION AND SEDIMENTATION CONTROLS.
- ALL DISTURBED SOILS NOT DESIGNATED FOR OTHER SURFACE TREATMENT ARE TO BE LOANED & SEEDED IMMEDIATELY FOLLOWING FINAL GRADING.
- APPROPRIATE PRECAUTIONS SHOULD BE TAKEN TO PREVENT THE TRANSPORT OF SOIL OFFSITE FROM CONSTRUCTION EQUIPMENT.
- ALL PERIMETER EROSION AND SEDIMENTATION CONTROLS MUST BE PROPERLY MAINTAINED AND MUST REMAIN IN PLACE UNTIL THE SOILS HAVE BEEN STABILIZED TO THE SATISFACTION OF THE ENGINEER AND THE SEEKONK CONSERVATION COMMISSION.
- THE SPLIT RAIL FENCE SERVES AS THE LIMIT OF LAWN AND FUTURE YARD ACTIVITIES AND SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION.
- NO STRUCTURES ARE TO BE PLACED WITHIN 50' OF WETLAND.

LEGEND

- 100--- EXISTING CONTOUR
- 30--- MA. STD. INV.
- P. V. C. POLYVINYL CHLORIDE PIPE
- R. C. P. REINFORCED CONCRETE PIPE
- CONC. BIT. BITUMINOUS PORTLAND CEMENT
- P. C. TYP. TYPICAL
- F.S. 100x100 FINISHED SPOT GRADE
- 100x100 EXISTING SPOT GRADE
- T. TOP OF CURB
- B. C. BOTTOM OF CURB
- P. PROPERTY LINE
- CLF-x- CHAIN LINK FENCE
- ST SEPTIC TANK
- DB DISTRIBUTION BOX
- OH DEEP OBSERVATION HOLE
- PERC PERCOLATION TEST HOLE

I CERTIFY THAT I HAVE CONTACTED THE SEEKONK WATER DISTRICT FOR THE LOCATION OF THE EXISTING WATER SERVICE CURB STOP FOR PLAT 26, LOT 174 AND WAS INFORMED THAT THERE IS NO CURB STOP CURRENTLY FOR THIS LOT. THE PROPOSED DRILLING WILL BE SERVED BY A PRIVATE WELL TO BE INSTALLED IN CONFORMANCE WITH THE SEEKONK BOARD OF HEALTH REGULATIONS.